Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 13 Mar 2021 until 23:59 on Sunday 14 Mar 2021

Forecast Issued on Saturday 13 Mar 2021 at 00:19

Confidence: High for the main themes with cold, showery conditions this weekend replaced by more settled, drier weather next week. Some uncertainty in extent of rain and hill snow on Sunday and cloud amounts next week.

Headline for Saturday 13 Mar 2021: Cold and windy with sleet or snow showers.

Mountain weather hazards on Saturday 13 Mar 2021

Blizzards
Low Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers (night)	Light snow showers	Light snow showers	Light snow showers	Heavy snow showers	Light snow showers
Precipitation probability					
80%	60%	60%	60%	60%	50%

Forecast for Saturday 13 Mar 2021

Weather: Long periods of heavy rain and hill snow overnight with blizzards on the tops. A mixture of bright intervals and frequent snow showers through the day, mainly falling as rain or sleet in the valleys. Some showers will be heavy with hail and possibly thunder. Showers becoming less frequent through the evening.

Chance of cloud free mountain/hill tops above 600m: 10% overnight then 40-60% during the day.

Visibility: Very poor at height overnight. Frequent cloud above 600 or 700m, occasionally down to lower slopes in showers. Excellent between showers, especially in the east. Visibility quickly changing as showers pass through but you will see these approaching from the west during the day.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Saturday 13 Mar 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/29 W	21/31 NW	23/34 W	25/36 W	21/31 W	19/28 W	18/27 W
300	14/30 W	15/31 NW	17/33 W	17/34 W	14/29 W	12/27 W	12/27 NW
Valley	9/22 W	14/29 NW	16/31 W	15/31 W	11/24 W	8/21 W	6/20 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-7	-0/-8	0/-7	0/-7	0/-7	0/-6	0/-6
300	1/-4	2/-4	3/-2	3/-2	2/-3	2/-2	2/-3
Valley	2/-2	4/-0	5/0	5/1	4/-0	4/1	3/0
Freezing Level*	500m	500m	500m	500m	600m	700m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling bitterly cold at height with a severe wind chill. Sudden gusts 45-50mph on the tops as heavy showers move through.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 13 Mar 2021	13.2mm	33.8mm	59.6mm

Forecast for Sunday 14 Mar 2021

Weather: Bright or clear intervals and a few showers overnight and during the morning, falling as snow above 500m. Longer spells of rain and sleet, with snow briefly above 600 or 700m, during the afternoon. Becoming drier with clearer spells in the evening.

Maximum wind: West or Northwest 20mph gusts 30mph, perhaps 40mph early morning.

Chance of cloud free mountain/hill tops above 600m: 70% in morning, becoming 10% in afternoon then 70% in evening.

Visibility: Occasional cloud above 600m, otherwise mainly good in the morning. More extensive cloud in the afternoon with bases 400-600m. Becoming good in the evening as cloud breaks.

Temperature: **Valleys:** Plus 5 rising to 7C.
At 600m: Around plus 1C.
Freezing level: 700m, rising above summits for a time later.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved